



BEARINGS(UK)LTD.



160 mm x 240 mm x 38 mm SNR 7032HVUJ74
High precision angular contact ball bearings

Bearing No. 7032HVUJ74

7032HVUJ74 Bearing 2D drawings and 3D CAD models

Size	160x240x38 mm
Bore Diameter	160 mm
Outer Diameter	240 mm
Width	38 mm
d	160 mm
D	240 mm
B	38 mm
C	38 mm
Angle (°)	20 °
d1	185.7 mm
D1	214.32 mm
D2	226.65 mm
a	66 mm
Contact angle	25 °
rs min	2.1 mm
r1s min	1 mm
f0	16.21
Precision class	P4
Mass	5.13 kg
Dynamic load, C	166 kN
Static load, C0	192 kN
Fatigue limit load, Cu	7.6 kN
Nlim (oil)	8,000 rpm
Nlim (grease)	5,300 rpm
Axial displacement K Factor	0.36



BEARINGS(UK)LTD.

Preload level	7
Preload value	2.15 kN
Axial rigidity	515 N/ μ m
Radial rigidity	1,087 N/ μ m
Min operating temperature, Tmin	-30 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	8.3 Hz
Characteristic outer ring frequency, BPF0	10.26 Hz
Characteristic inner ring frequency, BRFI	12.74 Hz
da min	172 mm
db min	172 mm
Da max	228 mm
Db max	228 mm
r1a max	1 mm
ra max	2 mm
D6	192 mm